Message

From: Nesci, Kimberly [Nesci.Kimberly@epa.gov]
Sent: 12/12/2020 2:59:25 PM
To: Qian, Yaorong [qian.yaorong@epa.gov]; Goodis, Michael [Goodis.Michael@epa.gov]; Overbey, Dian [Overbey.Dian@epa.gov]; Messina, Edward [Messina.Edward@epa.gov]; Dennis, Allison [Dennis.Allison@epa.gov]
CC: Siedschlag, Gregory [Siedschlag.Gregory@epa.gov]; Anderson, Neil [Anderson.Neil@epa.gov]; Nguyen, Thuy [Nguyen.Thuy@epa.gov]
Subject: RE: PFAS and BEAD Lab

Thanks so much, Yaorong. Greg/Dian, let us know if you need more early next week.

From: Qian, Yaorong <qian.yaorong@epa.gov>
Sent: Friday, December 11, 2020 4:15 PM
To: Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Overbey, Dian <Overbey.Dian@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Anderson, Neil <Anderson.Neil@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Subject: RE: PFAS and BEAD Lab

Hi Dian,

It is our goal to develop a method for the PFAS in the relevant matrix at the detection limits of 20-50 parts-per-trillion. The current existing methods are for water matrices with similar detection limits.

The two matrices we are targeting are mineral oil formulations and organic solvent rinsate of plastic containers (which contains soluble polymers of plastics). The mineral oil is one of the most challenging matrices to deal with. We have several approaches to extract the PFAS from mineral oil and we are currently testing one of the approaches. We hope to develop the method for this matrix in a couple of weeks (given it is use/lose season of the year). We already established the method for the plastic rinsate matrix.

Please let us know if you need additional details.

Thanks,

Yaorong

From: Nesci, Kimberly <Nesci.Kimberly@epa.gov>
Sent: Friday, December 11, 2020 1:55 PM
To: Goodis, Michael <Goodis.Michael@epa.gov>; Overbey, Dian <Overbey.Dian@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Anderson, Neil <Anderson.Neil@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>
Subject: RE: PFAS and BEAD Lab

Thuy or Yaorong, can you get with Dian Overby on the pfas testing? Thanks.

From: Goodis, Michael <Goodis.Michael@epa.gov>
Sent: Friday, December 11, 2020 11:43 AM
To: Overbey, Dian <Overbey.Dian@epa.gov>; Messina, Edward <Messina.Edward@epa.gov>; Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Cc: Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>
Subject: RE: PFAS and BEAD Lab

Looping in Allison as coordination with Regions on comms was brought up.

Michael L. Goodis, P.E.
Acting Deputy Director for Programs
Office of Pesticide Programs
Office of Chemical Safety and Pollution Prevention
U.S. Environmental Protection Agency
Washington, D.C.
571-309-5497 (cell)

From: Overbey, Dian <Overbey.Dian@epa.gov>
Sent: Friday, December 11, 2020 11:37 AM
To: Messina, Edward <Messina.Edward@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>; Nesci, Kimberly <Nesci.Kimberly@epa.gov>
Subject: PFAS and BEAD Lab

Hi,

I have a meeting with Dave Deegan of Region 1 this afternoon to discuss a response to the PEER letter on PFAS. I was wondering if there is any news on the BEAD Lab developing a method to detect PFAS in the relevant matrix with a target detection limit of 20-50 parts-per-trillion?

Thanks in advance for any information you can give me.

Dian D. Overbey
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